



Water-Data Report 2008

08189700 Aransas River near Skidmore, TX

Central Texas Coastal Basin
Aransas Subbasin

LOCATION.--Lat 28°16'56", long 97°37'14" referenced to North American Datum of 1927, Bee County, TX, Hydrologic Unit 12100407, on right bank 160 ft downstream from centerline of county road bridge, 3.8 mi downstream from confluence of West Aransas and Poesta Creeks, and 4.4 mi northeast of Skidmore.

DRAINAGE AREA.--247 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Mar. 1964 to current year.

PERIOD OF RECORD, Water-Quality.--

CHEMICAL DATA: Nov. 1961 to July 1968.

BIOCHEMICAL DATA: Nov. 1961 to Nov. 1967.

SEDIMENT DATA: Feb. 1966 to May 1969, Aug. 1971 to May 1975.

GAGE.--Water-stage recorder. Datum of gage is 72.37 ft above NGVD of 1929. Satellite telemeter at station.

REMARKS.--Records fair. The city of Beeville discharges wastewater effluent into the river via Poesta Creek 3.8 mi upstream. No known regulation or diversions. No flow at times. Some records listed in the "Period of Record" for surface water and water quality may not be available electronically.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Sept. 1954 reached a stage of 33 ft (discharge, 19,600 ft³/s), from information by local resident.

Maximum stage since at least 1914, that of Sept. 22, 1967.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 800 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Aug 20	0515	*1,440	*14.42
Sep 14	0645	1,110	12.84

08189700 Aransas River near Skidmore, TX—Continued**SUMMARY STATISTICS**

	Calendar Year 2007		Water Year 2008		Water Years 1964 - 2008	
Annual total	32,555.5		4,534.5			
Annual mean	89.2		12.4		38.9	
Highest annual mean					199	1967
Lowest annual mean					3.15	1986
Highest daily mean	8,020	Jul 5	875	Aug 20	49,300	Sep 22, 1967
Lowest daily mean	2.7	Jun 16	3.2	Jul 19	0.00	Jun 24, 1964
Annual seven-day minimum	3.4	Jun 10	3.3	Jul 16	0.00	Aug 16, 1964
Maximum peak flow			1,440	Aug 20	i82,800	Sep 22, 1967
Maximum peak stage			14.42	Aug 20	a42.22	Sep 22, 1967
Annual runoff (ac-ft)	64,570		8,990		28,170	
10 percent exceeds	91		7.8		19	
50 percent exceeds	7.8		6.1		4.5	
90 percent exceeds	5.2		3.5		0.89	

ⁱ From indirect measurement of peak flow.

^a From floodmark.

